



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

09/937,076

Source:

FFW16

Date Processed by STIC:

11-15-84

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - cPAVE)

2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):

U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

# Raw Sequence Listing Error Summary

## ERROR DETECTED

## SUGGESTED CORRECTION

SERIAL NUMBER:

09/937,076

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics  
Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino  
Numbering The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0  
"bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequence(s). Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences  
(OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:  
(2) INFORMATION FOR SEQ ID NO: X (insert SEQ ID NO where "X" is shown)  
(i) SEQUENCE CHARACTERISTICS (Do not insert any subheadings under this heading!)  
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: X (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped.  
  
Please also adjust the "(n) NUMBER OF SEQUENCES" response to include the skipped sequences.
- 8 Skipped Sequences  
(NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:  
<210> sequence id number  
<400> sequence id number  
000
- 9 Use of n's or Xaa's  
(NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <21>  
Response Per 1.823 of Sequence Rules, the only valid <21> responses are Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <21> response is Unknown or is Artificial Sequence.
- 11 Use of <220>  
Use of <220> to <223> is MANDATORY if <21> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0  
"bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid.



IFW16

## RAW SEQUENCE LISTING

DATE: 11/15/2004

PATENT APPLICATION: US/09/937,076

TIME: 14:32:50

Input Set : A:\110.01270101.ST25.txt

Output Set: N:\CRF4\11152004\I937076.raw

3 <110> APPLICANT: MCCARTHY, James B.  
 4 MILESKE, William J.  
 5 JAMIESON, Jr., Gordon A.  
 6 LOW, Walter C.  
 7 SAWCHUCK, Ronald J.  
 8 FURCHT, Leo T.  
 10 <120> TITLE OF INVENTION: METHODS OF USE OF BETA1-INTEGRIN INHIBITORS  
 12 <130> FILE REFERENCE: 110.01270101  
 14 <140> CURRENT APPLICATION NUMBER: 09/937,076  
 15 <141> CURRENT FILING DATE: 2002-03-27  
 17 <150> PRIOR APPLICATION NUMBER: PCT/US00/07680  
 18 <151> PRIOR FILING DATE: 2000-03-22  
 20 <150> PRIOR APPLICATION NUMBER: 60/125,634  
 21 <151> PRIOR FILING DATE: 1999-03-22  
 23 <150> PRIOR APPLICATION NUMBER: 60/167,538  
 24 <151> PRIOR FILING DATE: 1999-11-24  
 26 <160> NUMBER OF SEQ ID NOS: 18  
 28 <170> SOFTWARE: PatentIn version 3.2  
 30 <210> SEQ ID NO: 1  
 31 <211> LENGTH: 9  
 32 <212> TYPE: PRT  
 33 <213> ORGANISM: ARTIFICIAL  
 35 <220> FEATURE:  
 36 <223> OTHER INFORMATION: Peptide  
 38 <400> SEQUENCE: 1  
 40 Trp Gln Pro Pro Arg Ala Arg Ile Tyr  
 41 1 5  
 44 <210> SEQ ID NO: 2  
 45 <211> LENGTH: 9  
 46 <212> TYPE: PRT  
 47 <213> ORGANISM: ARTIFICIAL  
 49 <220> FEATURE:  
 50 <223> OTHER INFORMATION: Peptide  
 52 <400> SEQUENCE: 2  
 54 Trp Gln Pro Pro Arg Ala Ala Ile Tyr  
 55 1 5  
 58 <210> SEQ ID NO: 3  
 59 <211> LENGTH: 8  
 60 <212> TYPE: PRT  
 61 <213> ORGANISM: ARTIFICIAL  
 63 <220> FEATURE:  
 64 <223> OTHER INFORMATION: Peptide  
 66 <400> SEQUENCE: 3

Does Not Comply  
Corrected Diskette Needed  
(Pg. 1-4)

Pls explain source of genetic material.

Invalid Response

Pls explain source of genetic material.

Invalid Response

See item #11 on error summary sheet.

Same error

## RAW SEQUENCE LISTING

DATE: 11/15/2004

PATENT APPLICATION: US/09/937,076

TIME: 14:32:50

Input Set : A:\110.01270101.ST25.txt

Output Set: N:\CRF4\11152004\I937076.raw

68 Gln Pro Pro Arg Ala Ala Ile Tyr

69 1 5

72 &lt;210&gt; SEQ ID NO: 4

73 &lt;211&gt; LENGTH: 9

74 &lt;212&gt; TYPE: PRT

75 &lt;213&gt; ORGANISM: ARTIFICIAL

77 &lt;220&gt; FEATURE:

78 &lt;223&gt; OTHER INFORMATION: Peptide

80 &lt;400&gt; SEQUENCE: 4

82 Trp Gln Pro Pro Ala Ala Arg Ile Tyr

83 1 5

86 &lt;210&gt; SEQ ID NO: 5

87 &lt;211&gt; LENGTH: 9

88 &lt;212&gt; TYPE: PRT

89 &lt;213&gt; ORGANISM: ARTIFICIAL

91 &lt;220&gt; FEATURE:

92 &lt;223&gt; OTHER INFORMATION: Peptide

94 &lt;400&gt; SEQUENCE: 5

96 Ala Gln Pro Pro Arg Ala Arg Ile Tyr

97 1 5

100 &lt;210&gt; SEQ ID NO: 6

101 &lt;211&gt; LENGTH: 9

102 &lt;212&gt; TYPE: PRT

103 &lt;213&gt; ORGANISM: ARTIFICIAL

105 &lt;220&gt; FEATURE:

106 &lt;223&gt; OTHER INFORMATION: Peptide

108 &lt;400&gt; SEQUENCE: 6

110 Trp Ala Pro Pro Arg Ala Arg Ile Tyr

111 1 5

114 &lt;210&gt; SEQ ID NO: 7

115 &lt;211&gt; LENGTH: 9

116 &lt;212&gt; TYPE: PRT

117 &lt;213&gt; ORGANISM: ARTIFICIAL

119 &lt;220&gt; FEATURE:

120 &lt;223&gt; OTHER INFORMATION: Peptide

122 &lt;400&gt; SEQUENCE: 7

124 Trp Gln Pro Pro Asp Ala Asp Ile Tyr

125 1 5

128 &lt;210&gt; SEQ ID NO: 8

129 &lt;211&gt; LENGTH: 9

130 &lt;212&gt; TYPE: PRT

131 &lt;213&gt; ORGANISM: ARTIFICIAL

133 &lt;220&gt; FEATURE:

134 &lt;223&gt; OTHER INFORMATION: Peptide

136 &lt;400&gt; SEQUENCE: 8

138 Ala Arg Ile Thr Gly Tyr Ile Ile Tyr

139 1 5

142 &lt;210&gt; SEQ ID NO: 9

143 &lt;211&gt; LENGTH: 9

See  
item  
# 11 on  
error  
summary  
sheet.

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/937,076

DATE: 11/15/2004

TIME: 14:32:50

Input Set : A:\110.01270101.ST25.txt

Output Set: N:\CRF4\11152004\I937076.raw

144 <212> TYPE: PRT  
145 <213> ORGANISM: ARTIFICIAL  
147 <220> FEATURE:  
148 <223> OTHER INFORMATION: Peptide  
150 <400> SEQUENCE: 9  
152 Arg Ala Arg Ile Thr Gly Tyr Ile Tyr  
153 1 5  
156 <210> SEQ ID NO: 10  
157 <211> LENGTH: 9  
158 <212> TYPE: PRT  
159 <213> ORGANISM: ARTIFICIAL  
161 <220> FEATURE:  
162 <223> OTHER INFORMATION: Peptide  
164 <400> SEQUENCE: 10  
166 Pro Arg Gln Ala Trp Arg Pro Ile Tyr  
167 1 5  
170 <210> SEQ ID NO: 11  
171 <211> LENGTH: 9  
172 <212> TYPE: PRT  
173 <213> ORGANISM: ARTIFICIAL  
175 <220> FEATURE:  
176 <223> OTHER INFORMATION: Peptide  
178 <400> SEQUENCE: 11  
180 Arg Pro Ala Pro Gln Arg Trp Ile Tyr  
181 1 5  
184 <210> SEQ ID NO: 12  
185 <211> LENGTH: 6  
186 <212> TYPE: PRT  
187 <213> ORGANISM: ARTIFICIAL  
189 <220> FEATURE:  
190 <223> OTHER INFORMATION: Peptide  
192 <400> SEQUENCE: 12  
194 Pro Arg Ala Arg Ile Tyr  
195 1 5  
198 <210> SEQ ID NO: 13  
199 <211> LENGTH: 5  
200 <212> TYPE: PRT  
201 <213> ORGANISM: ARTIFICIAL  
203 <220> FEATURE:  
204 <223> OTHER INFORMATION: Peptide  
206 <400> SEQUENCE: 13  
208 Arg Ala Arg Ile Tyr  
209 1 5  
212 <210> SEQ ID NO: 14  
213 <211> LENGTH: 4  
214 <212> TYPE: PRT  
215 <213> ORGANISM: ARTIFICIAL  
217 <220> FEATURE:  
218 <223> OTHER INFORMATION: Peptide

— Same errors

## RAW SEQUENCE LISTING

DATE: 11/15/2004

PATENT APPLICATION: US/09/937,076

TIME: 14:32:50

Input Set : A:\110.01270101.ST25.txt

Output Set: N:\CRF4\11152004\I937076.raw

220 <400> SEQUENCE: 14  
222 Ala Arg Ile Tyr  
223 1  
226 <210> SEQ ID NO: 15  
227 <211> LENGTH: 5  
228 <212> TYPE: PRT  
229 <213> ORGANISM: ARTIFICIAL  
231 <220> FEATURE:  
232 <223> OTHER INFORMATION: Peptide  
234 <400> SEQUENCE: 15  
236 Pro Arg Ala Arg Ile  
237 1 5  
240 <210> SEQ ID NO: 16  
241 <211> LENGTH: 9  
242 <212> TYPE: PRT  
243 <213> ORGANISM: ARTIFICIAL  
245 <220> FEATURE:  
246 <223> OTHER INFORMATION: Scrambled  
248 <400> SEQUENCE: 16  
250 Arg Pro Gln Ile Pro Trp Ala Arg Tyr  
251 1 5  
254 <210> SEQ ID NO: 17  
255 <211> LENGTH: 10  
256 <212> TYPE: PRT  
257 <213> ORGANISM: ARTIFICIAL  
259 <220> FEATURE:  
260 <223> OTHER INFORMATION: Peptide  
262 <400> SEQUENCE: 17  
264 Pro Ala Ile Phe Asp Arg Ser Cys Gly Ser  
265 1 5 10  
268 <210> SEQ ID NO: 18  
269 <211> LENGTH: 10  
270 <212> TYPE: PRT  
271 <213> ORGANISM: ARTIFICIAL  
273 <220> FEATURE:  
274 <223> OTHER INFORMATION: Peptide  
276 <400> SEQUENCE: 18  
278 Pro Lys Val Met Glu Arg Thr Cys Asp Ser  
279 1 5 10

Pls explain source  
of genetic material

Invalid  
response

- Same  
errors

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 11/15/2004  
PATENT APPLICATION: US/09/937,076      TIME: 14:32:51

Input Set : A:\110.01270101.ST25.txt  
Output Set: N:\CRF4\11152004\I937076.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/937,076

DATE: 11/15/2004

TIME: 14:32:51

Input Set : A:\110.01270101.ST25.txt

Output Set: N:\CRF4\11152004\I937076.raw